

Example Direct Shipping Cost Database (cost per 5 lbs.)

		112a	112b	112c	112d
		Distribution Center	DC 2	DC 3	DC N
		("DC") 1			
111a	0-5 miles, courier	\$10.00	•	-	 -
111b	0-150 miles, domestic ground	\$2,25	\$2.00	\$2.00	\$2.00
111c	150-1000 miles, domestic ground	\$3.00	\$2.50	\$2.50	\$3.00
111d	1000-2500 miles, domestic ground	\$4.00	\$3.50	\$3.50	\$4.50
111e	2500+ miles, domestic ground	\$5.00	\$4.50	\$4.50	\$6.00
111f	0-3000 miles, domestic next day air	\$8.50	\$8.50	\$8.50	\$8.00
111g	3000+ miles, domestic next day air	\$12.00	\$12.00	\$12.00	\$11.00
111h	0-3000 miles, foreign air	-	\$19.00	\$19.00	\$20.00
		•			
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Figure 1B

Example Direct Labor Cost Database

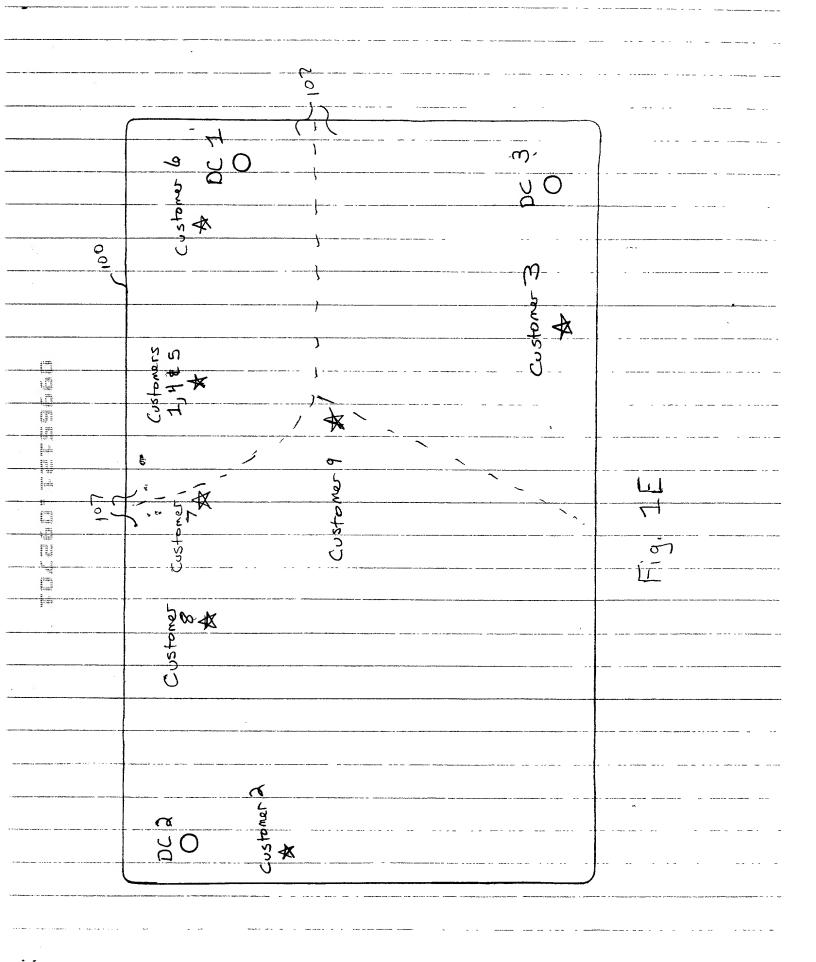
		116a	116b	116c		116d
		DC 1, Processing Lane 1	DC 1, Processing Lane 2	DC 2, Processing Lane 1		DC N, Processing Lane M
115a	Order Type 1	\$0.50	\$0.50	\$0.75	• • •	•
115b	Order Type 2	-	\$0.75	\$0.75		•
115c	Order Type 3	\$1.00	-	\$0.75		
		•				
115d	Giftwrapping	-	\$2.00	-		\$2.00

Figure 1C

Example Direct Packing Material Cost Database

	120a	120b	 120c
	DC 1	DC 2	DC N
119a Order Type 1	\$0.50	\$0.50	 \$0.50
119b Order Type 2	\$0.20	\$0.25	
	:		

Figure 1D



Example Estimated Customer Goodwill Cost From Expected Delivery Date Deviation Database

		124a	124b	124c	
		Customer 1	Customer 2	Customer 3	
_					
123a	1 day early	\$-5.00	-	\$-1.00	• • •
123b	on-time	•	-	\$-0.50	
123c	1 day late	\$2.00	\$2.00	\$1.00	
123d	2 days late	\$5.00	\$2.50	\$1.00	
123e	3 days late	\$10.00	\$3.00	\$2.00	
123f	4 days late	\$25.00	\$5.00	\$1.75	
		:			

Figure 1F

Example Estimated Customer Goodwill Cost From Expected Order Split Deviation Database

		128a	128b	128c	
		Customer 1	Customer 2	Customer 3	
		:			
27a	1 less order split	\$-2.50	-	\$-0.25	
27b	expected # of order splits	_	-	\$-0.10	
27c	1 more order split	\$0.50	\$0.50	\$0.25	
27d	2 more order splits	\$1.25	\$0.65	\$0.25	
?7e	3 more order splits	\$2.50	\$0.75	\$0.50	
27f	4 more order splits		\$1.25	\$0.40	
		:			

Figure 1G

Example New Order Optimal Allocation Database

		132a	132b	132c		132d
		DC 1, Processing Lane 1	DC 1, Processing Lane 2	DC 2, Processing Lane 1		DC N, Processing Lane M
	•	:	1100000iiig Lane 2	1100000111g Dane 1	i	A Totologing Little 1.1
131a	7am-8am EST Order Type 1	25	15	60	•••	-
131b	7am-8am EST Order Type 2	•	30	10		-
		:				
161c	8am-9am EST Order Type 1	25	25	50		-
161d	8am-9am EST Order Type 2	-	30	20		-
		:				

Figure 1H

Example New Order Actual Allocation Differential

		136a	136b	136c		136d
		DC 1, Processing Lane 1	DC 1, Processing Lane 2	DC 2, Processing Lane 1		DC N, Processing Lane M
		:				
135a	7am-8am EST Order Type 1	-	+30	-5	•••	-
135b	7am-8am EST Order Type 2		+5	-5		-
		:				

Figure 11

Example New Order Allocation Adjustment Formula

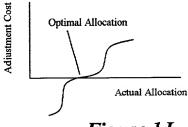
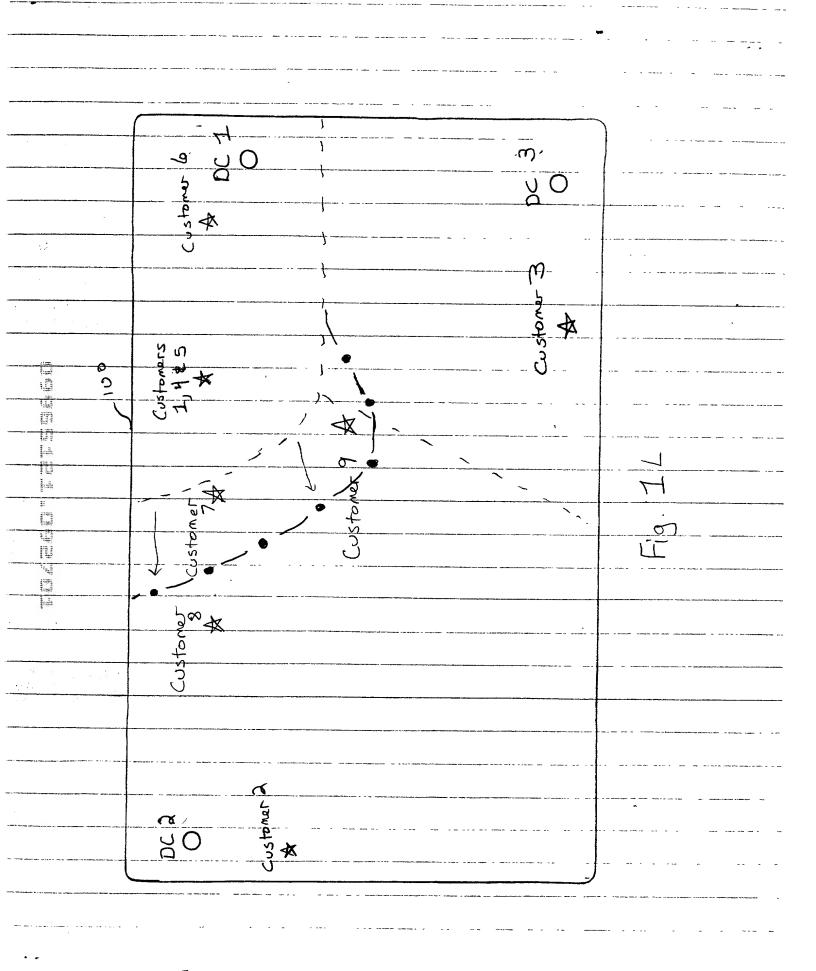


Figure 1J

Example Order Fulfillment Plan Option Comparison (for order by Customer 1 of Type 2 with 2 items)

		140a	1406	140c	140d	140e	140f		140z
		Direct	Direct	Direct	Delivery Date	Order Split	Allocation		
		Shipping	٠.	Packing Material	Packing Material Customer Goodwill Customer Goodwill		7		Total Cost
		Cost	Cost	Cost	Cost	Cost	Cost		
139a	both items from DC 1,								
	Processing Lane 2;	\$3.00	\$0.75	\$0.20	1	ı	\$0.25	:	\$4.20
	standard shipping								
1396	both items from DC 2,								
	Processing Lane 1;	\$3.50	\$0.75	\$0.25	•	•	-\$1.00		\$3.50
	standard shipping								
139c	item 1 from DC 1,								
	Processing Lane 2; and	\$6.50	\$1.50	\$0.45	ı	\$0.50	-\$0.35		\$8.60
	item 2 from DC 2,								
	Processing Lane 1;								
	standard shipping								
		•••							
1394	both items from DC 1,								
	Processing Lane 2;	\$8.50	\$0.75	\$0.20	-\$5.00		\$0.25		\$4.70
	Next Day Air snipping		-	100000000000000000000000000000000000000					
		•••						•	
		***************************************	***************************************						

Figure 1K



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List Price: \$24.98 Our Price: \$21.49

You Save: \$3.49 (14%)

Actual Delivery Time:

IF standard shipping is used, this item will be delivered to you on 09/08/XX.

. IF Next Day Air shipping is used, this item will be delivered to you or Q9/04/XX.

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- Region 1 encoding (US and Canada only)
- Color
- Track Listing: 1. All Alone Tonight, 2. I Believe In Love, 3. Love Has Come Of Age, 4. Lady Luck, 5. Angry Eyes, 6. I'm Alright, 7. House Of Pooh Corner, 8. Danny's Song, 9. Junkanoo Holiday, 10. Celebrate Me Home, 11. Mr. Night, 12. This Is It, 13. Keep The Fire
- ASIN: 6304922051 Click here for more technical details about this edition...

Amazon.com Sales Rank: 3,670

A Day Without Rain ~ Enya

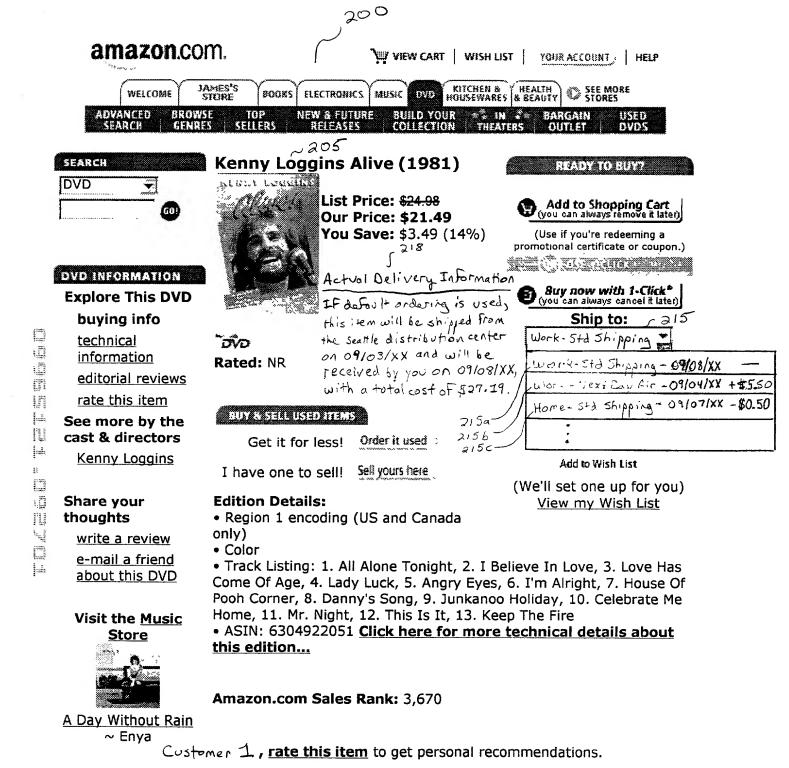
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Customer 1, rate this item to get personal recommendations.

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Fig. 2A



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Shipping to: < Change Customer 1 Work 123 Main St. Seattle, WA 98101 Shipping Options: Learn more about shipping prices and policies O Standard Shipping From the Seattle DC (09/08/XX - \$3.50)
O Next Day Air (09/04/XX - \$8.50) O Standard Shipping + Enhanced Priority Processing (09/07/XX -\$ 5.50) 0 Next Day Air + Immediate Processing (09/03/XX at 10:30am - \$16.50)

Order Summary

Shipping & Handling: Total Before Tax: Order Total: \$27,1

Have a gift certificate or promotional code?

Enter code here:

Apply

Learn more about gift certificates

Payment Method:

Change

MasterCard: ***- 1 2345

Exp: 12/2003

O Standard Shipping from the Disadvantaged Youth Processing Lane (09/07/XX - 84.50 +81.50)

Kenny Loggins Alive Kenny Loggins (Primary Contributor)

\$21.49 - Quantity: 1 Usually ships in 2-3 days

Gift Options: None Change

0 Standard Shipping from the Atlanta DC (09/08/xx - \$3.85)

Place your order

Fig. 2C

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WELCOME STORE BOOKS MUSIC DVD ELECTRONICS KITCHEN & HOUSEWARES VIDEO

Your Account > Order History > Order Summary #104-1234567

Order Placed: Sept 2, 20XX at 02:45 PM PDT

Order Total: \$ 27.19

When will your items arrive?

Not Yet Shipped: Item 1 will arrive at the Seattle DC from external inventory storage by 5pm on 09/02/XX, and will be behind approximately 100 orders in a queue of orders ready for processing by Processing Lane 3. Order processing will begin at approximately 8 am of 2003 xx and will be completed by 8:30 am on 09/03/xx. The order will be in pied from the DC at : 09/08/xx approximately 10 am on 09/03/xx by ABC Shipping.

Delivery Time:

Shipping Address: Change

Items Ordered

Price \$21.49

Customer 1 Work

123 Main St. Seattle, WA 98101

1 of: Kenny Loggins Alive Kenny Loggins

- Gift-wrap and note: None (Change)

- Availability: 1 in stock

Shipping Method: Change

Standard Shipping

Shipping Option: One shipment when complete

order is ready.

Item(s) Subtotal: \$21.49

Shipping & Handling: \$3.50

Total Before Tax: \$24.99

Estimated Tax: \$2,20

Grand Total for This Order: \$ 27.19

Fig. 2D

KITCHEN & HOUSEWARES

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DVD

SEARCH DVD



Kenny Loggins Alive (1981)



Rated: NR

List Price: \$24.98 Our Price: \$21.49 You Save: \$3.49 (14%)

210

Actual Delivery Time:

Using Standard shipping, this item will be delivered to you on 09/07/XX. Other manners of shipping are not available to you.

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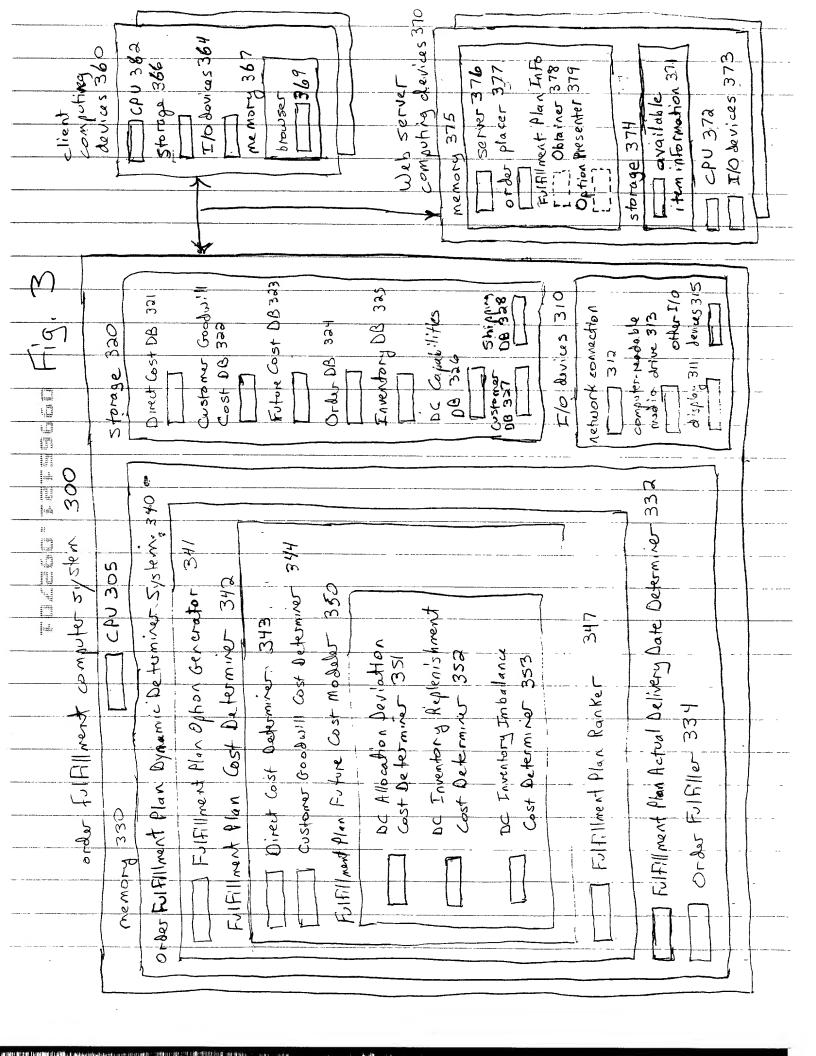
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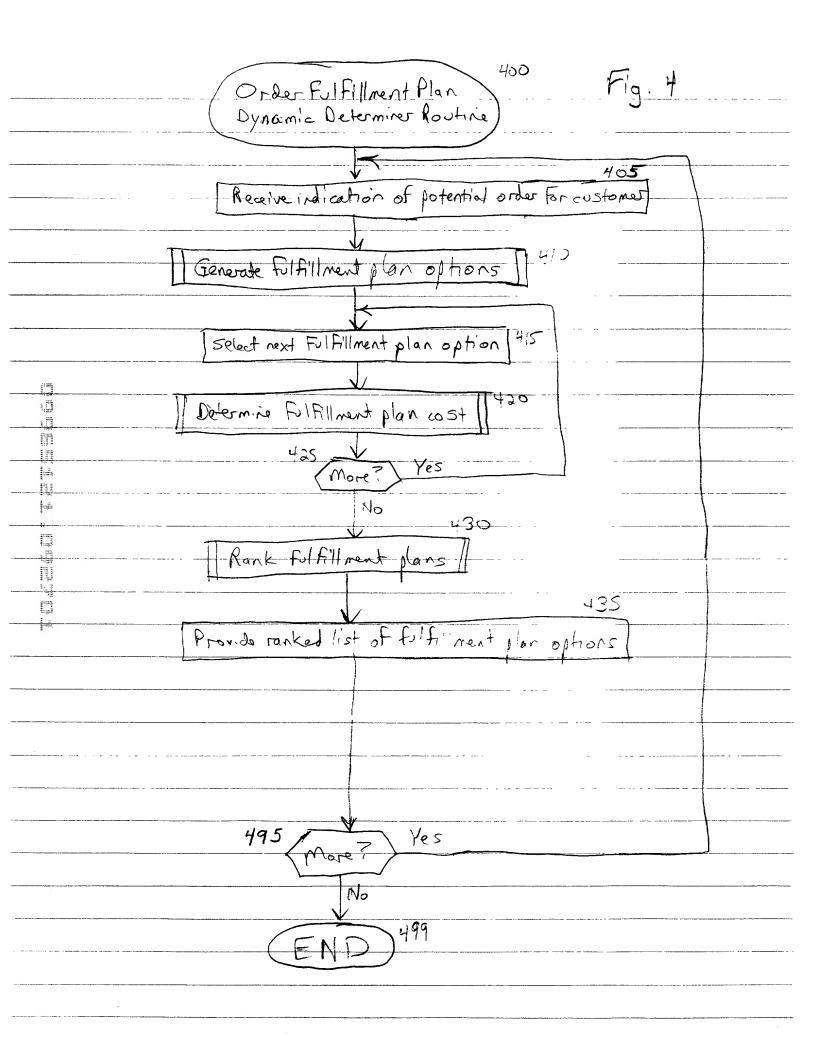
Fig. 2E

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~ Enya

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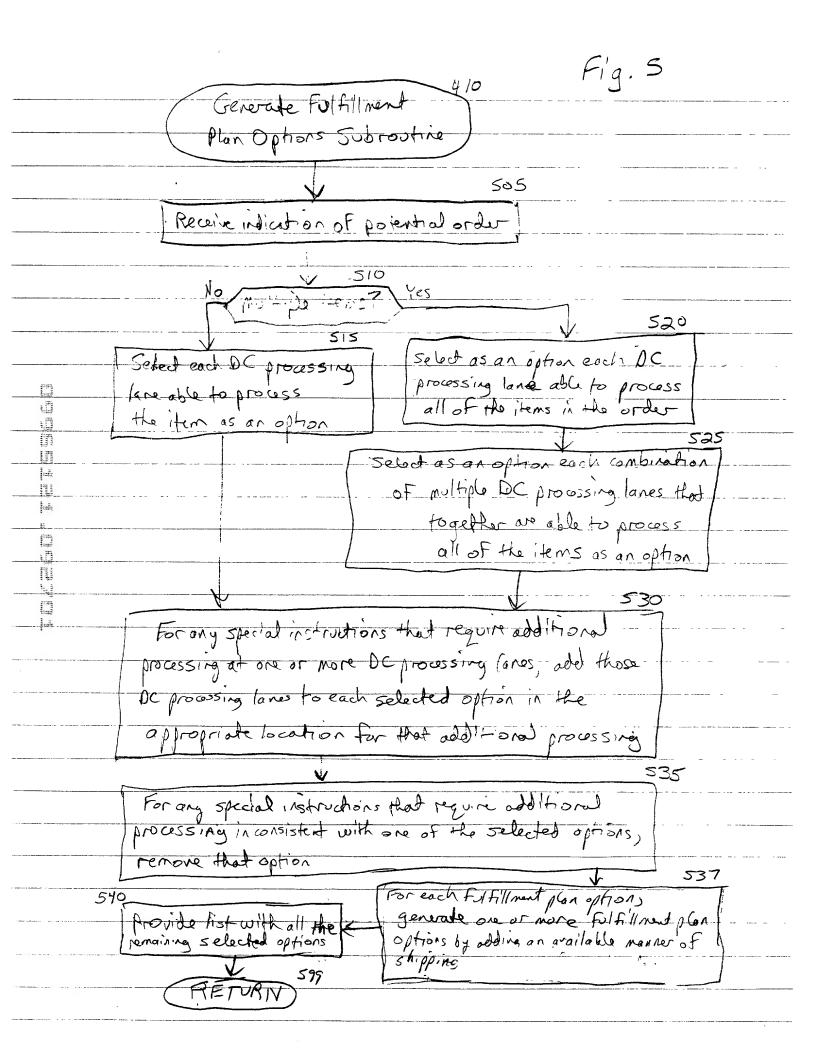
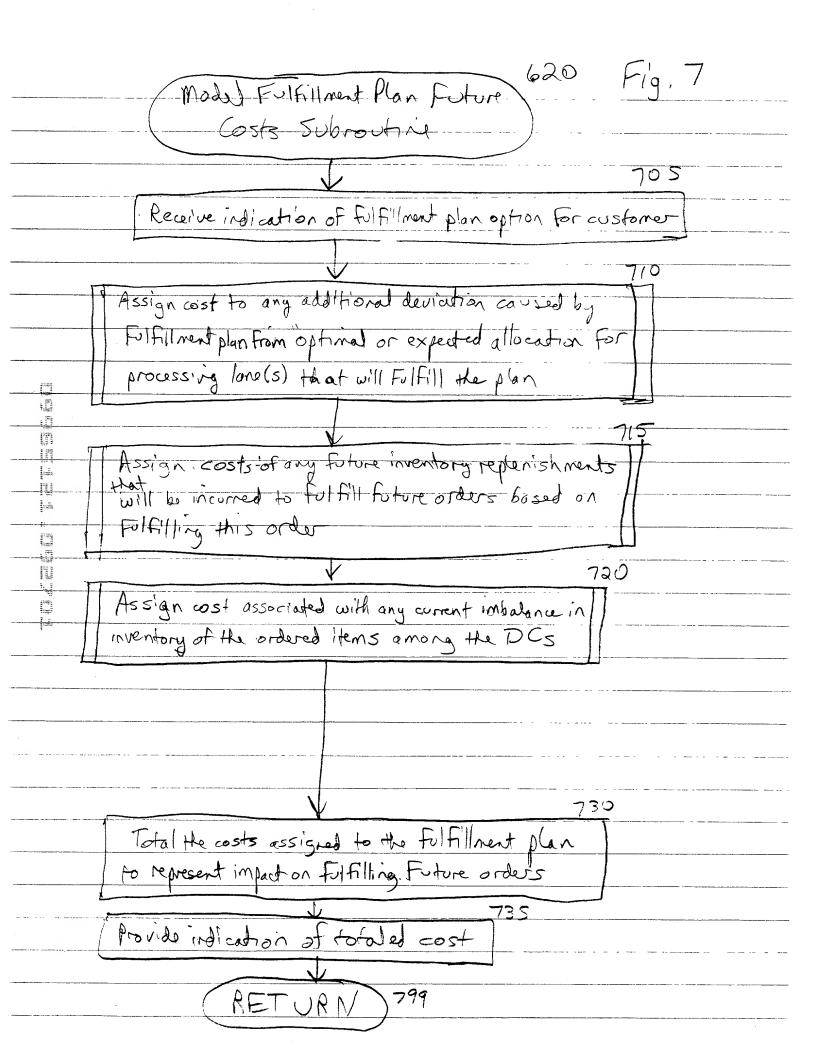
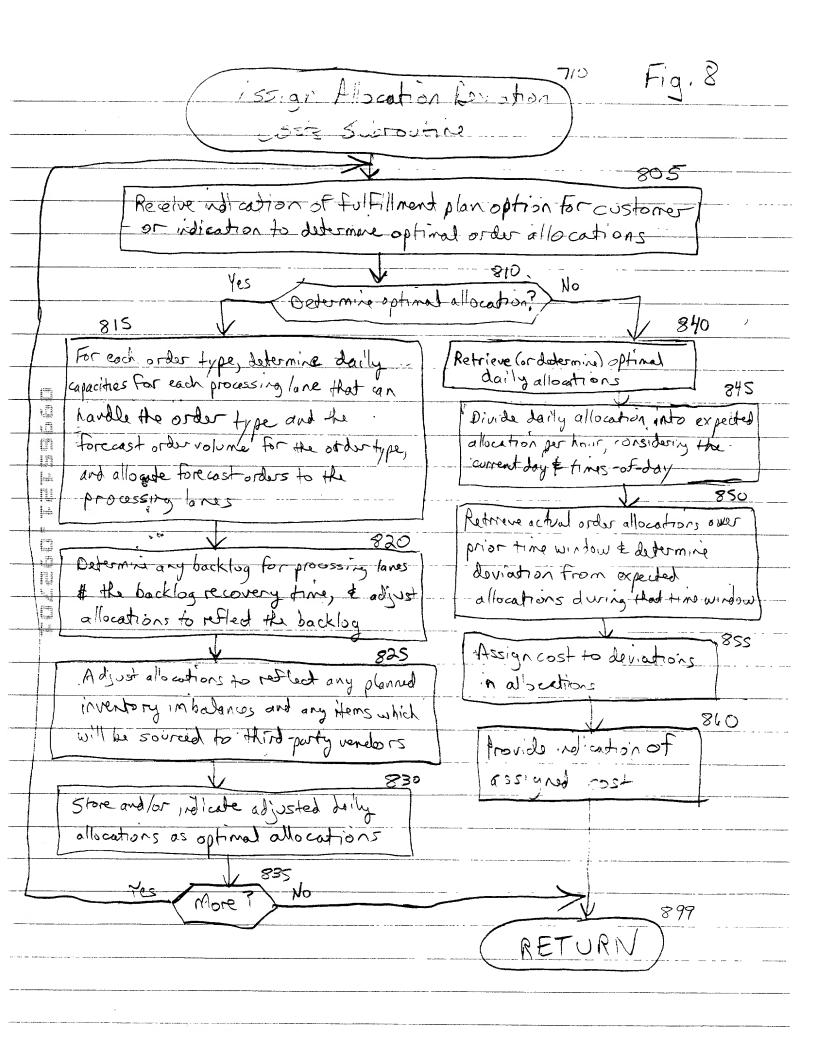
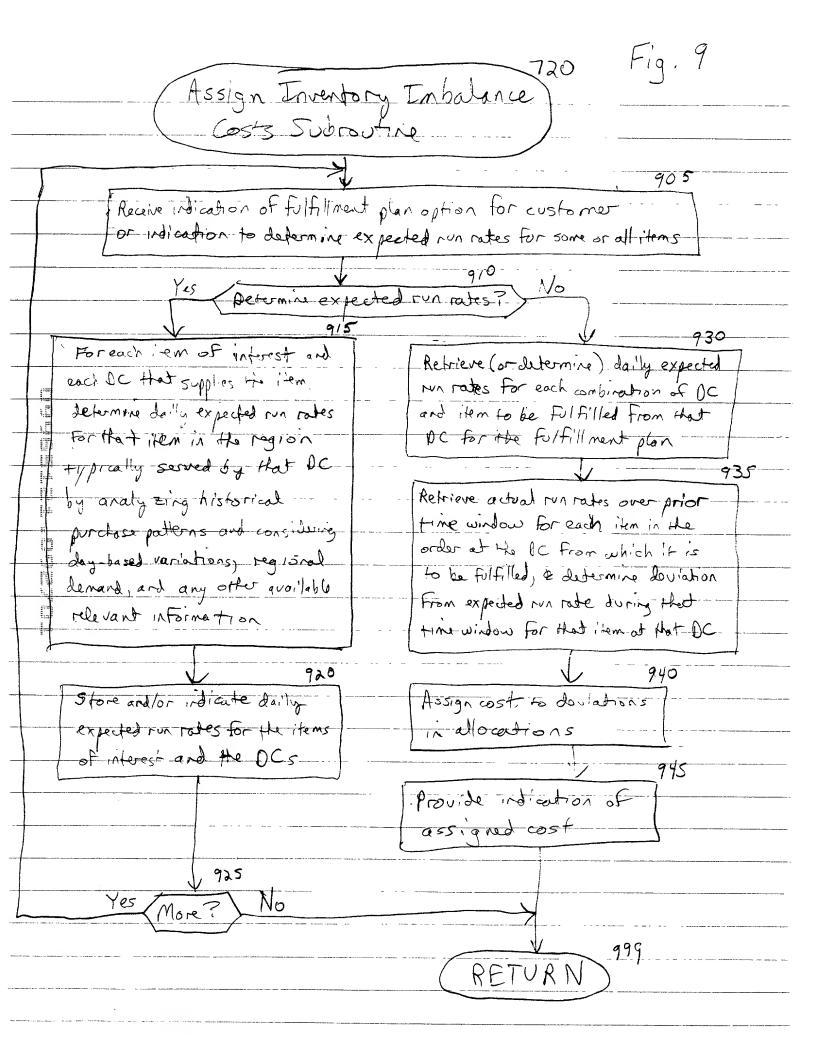
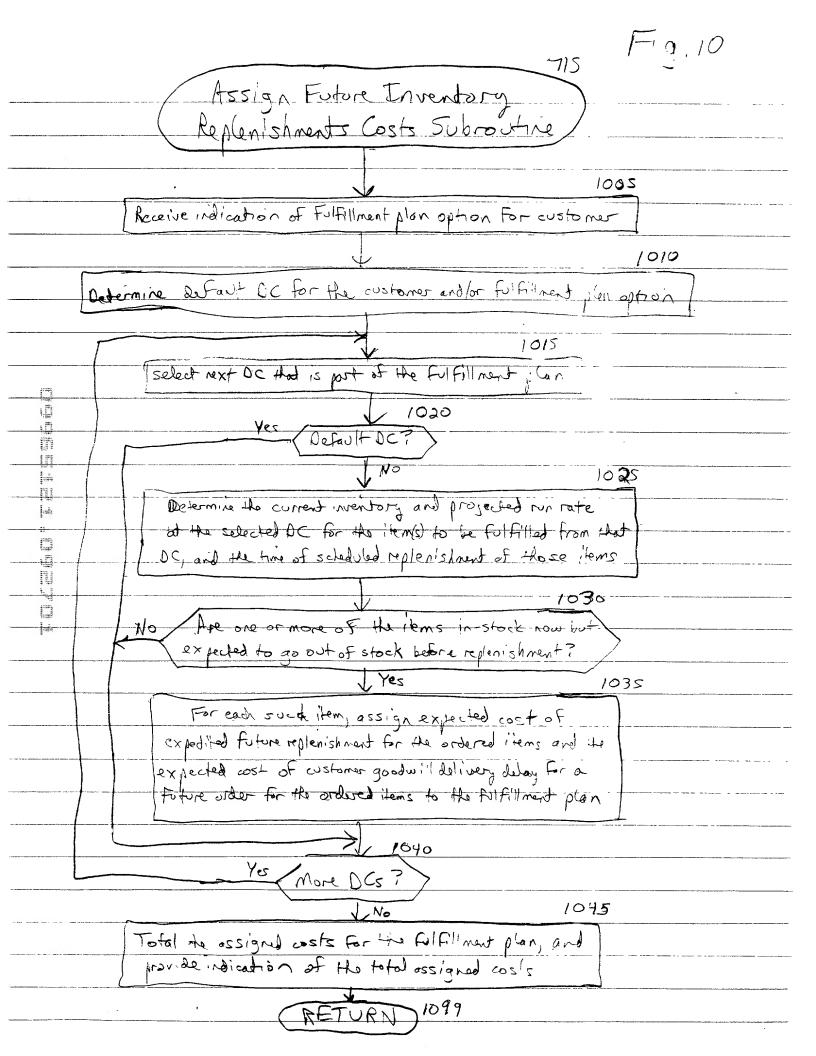


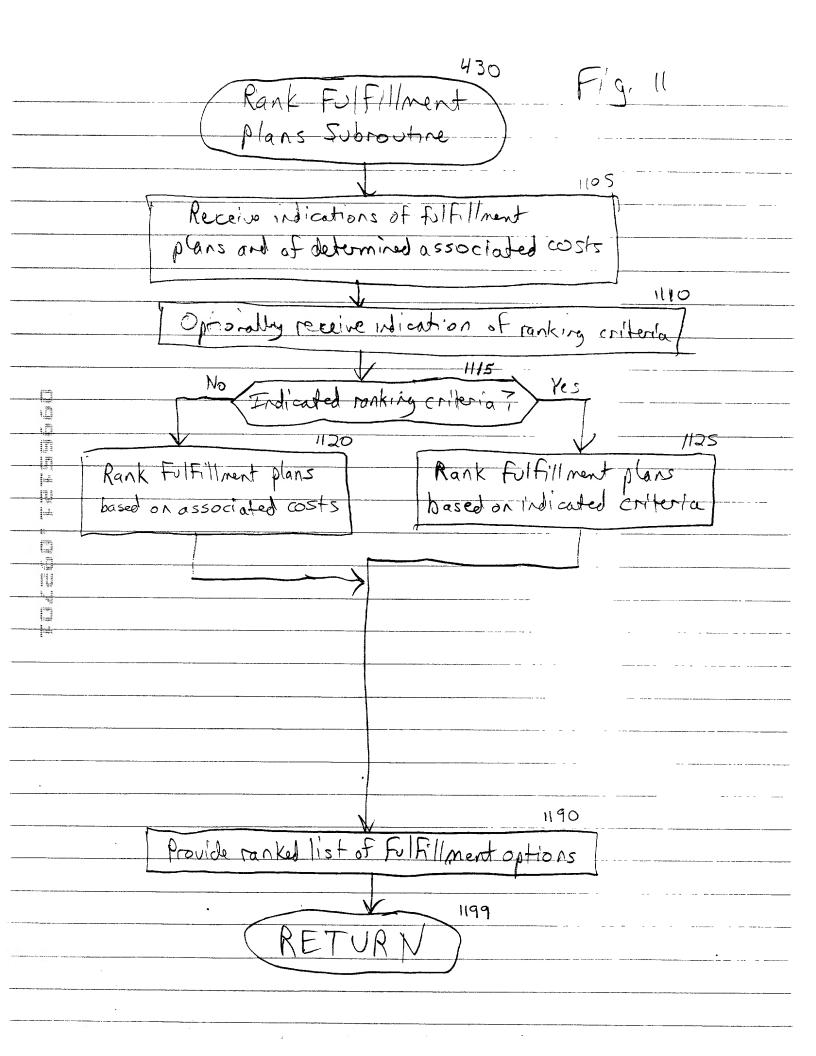
Fig. 6 420 Determine Fulfillment Flan Cost Subroutine Receive indication of Fulfillment plan option for customer 610 Determine direct costs associated with the Ful Fillment plan 615 Détermine goodwill costs for the customer associated with the Fulfillment plan 220 Model Costs OF The Fulfill next Plan Dr Fulfill is Future Expected Orders 623 Total the various costs associated with the fulfillment plan 630 Provide indication of total cost 699 RETURN

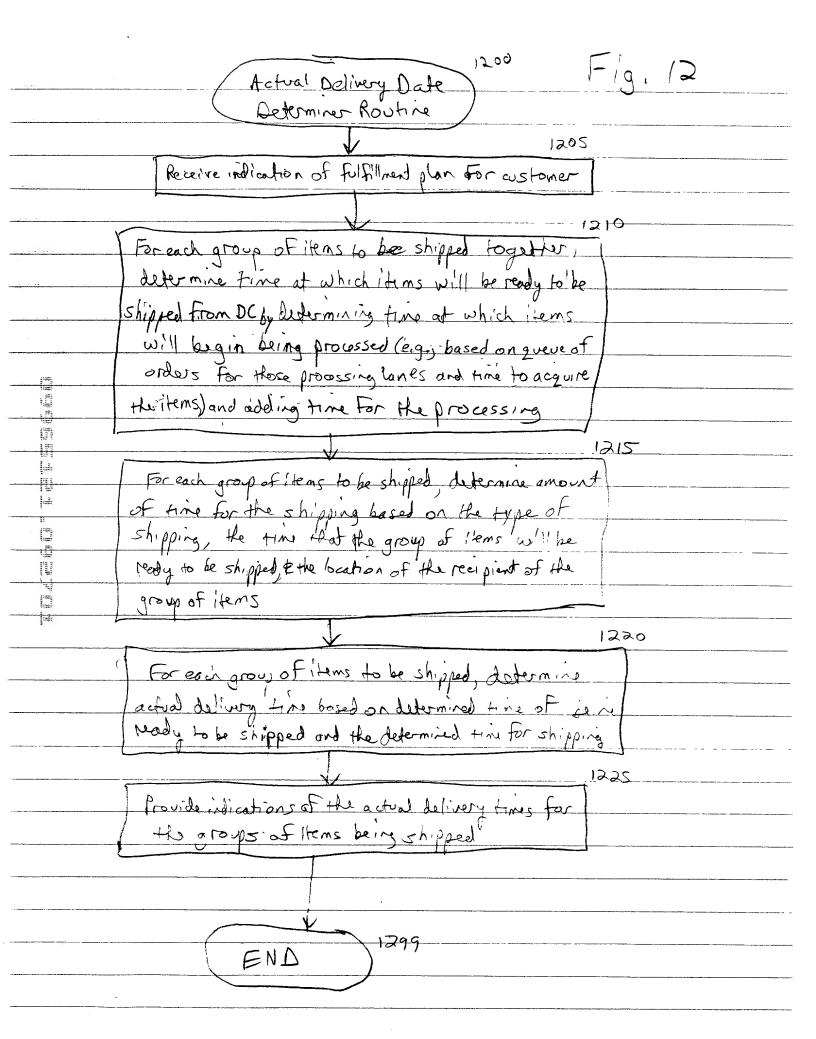


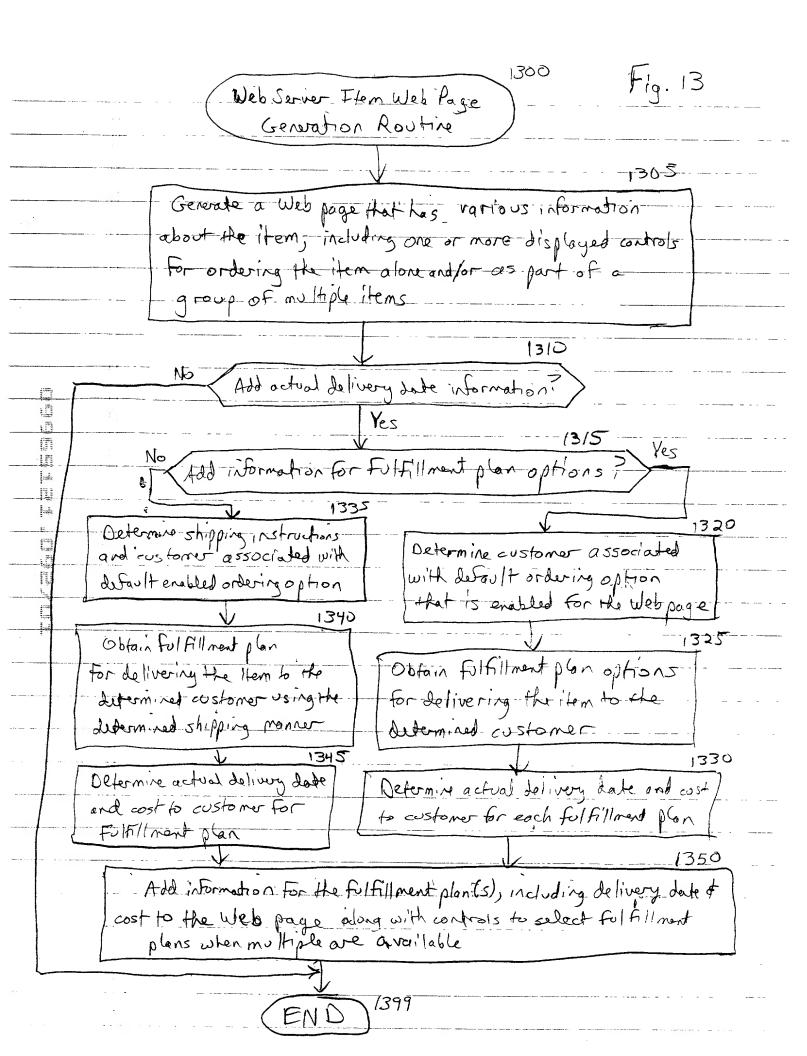


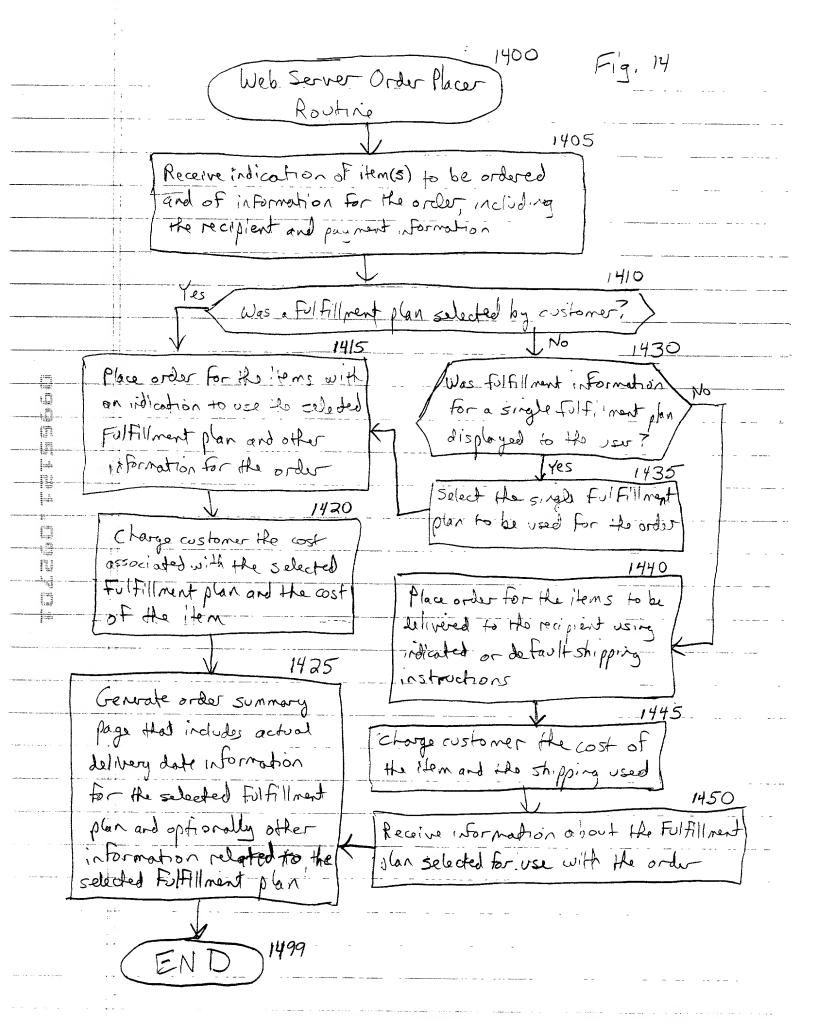












1500 Fig. 15 Web Server Order Summary Web Page Generation Routine 1505 Receive indication of order placed Receive indication of fulfill ment plan used for the order 1515 Determine actual delivery date for the order based on the Fulfillment plan 1520 Generate order summary page with information about the order including the actual delivery date and opinionally other information about the Fulfillment plan END

